A.P. MOLLER - MAERSK

HOW YOUR ORGANISATION CAN SUCCESSFULLY IMPLEMENT A VULNERABILITY MANAGEMENT SOLUTION

Qualys Security Conference 2018 – Umair Imran MEng – Vulnerability Manager

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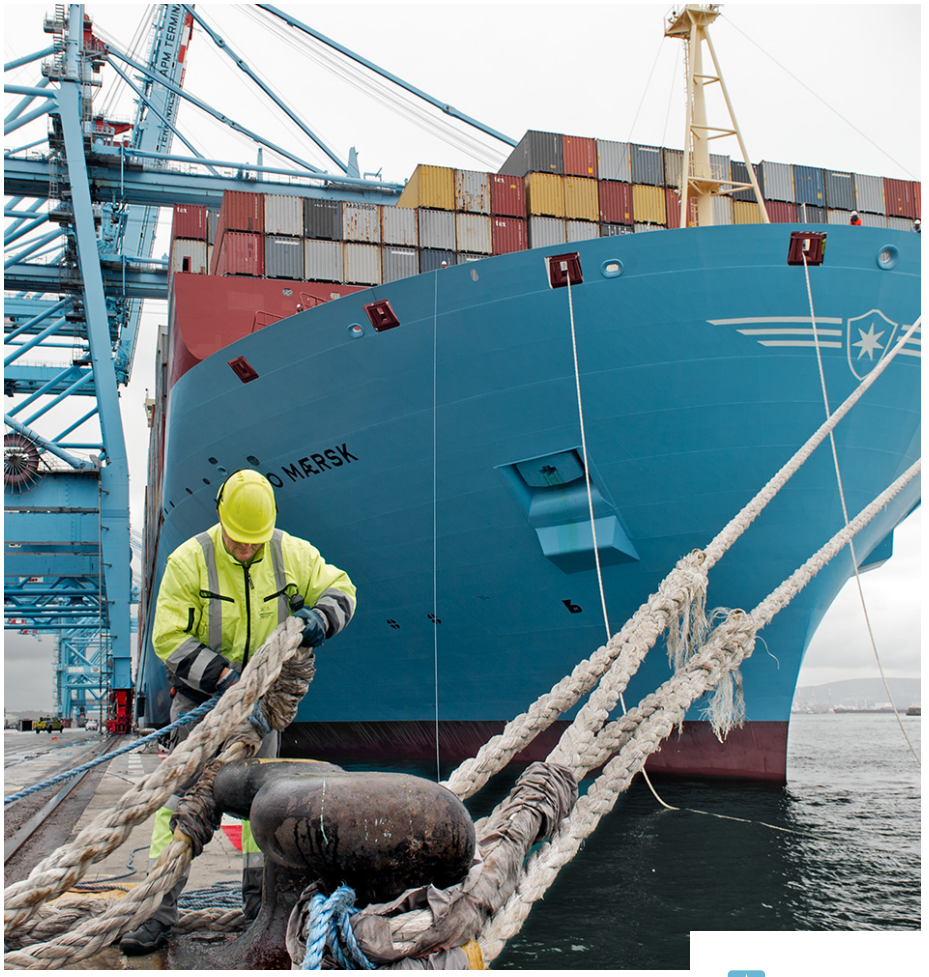
AGENDA

- Who are Maersk?
- What makes a Vulnerability Management function?
- What makes a successful solution?
- Three, Two, One . . .



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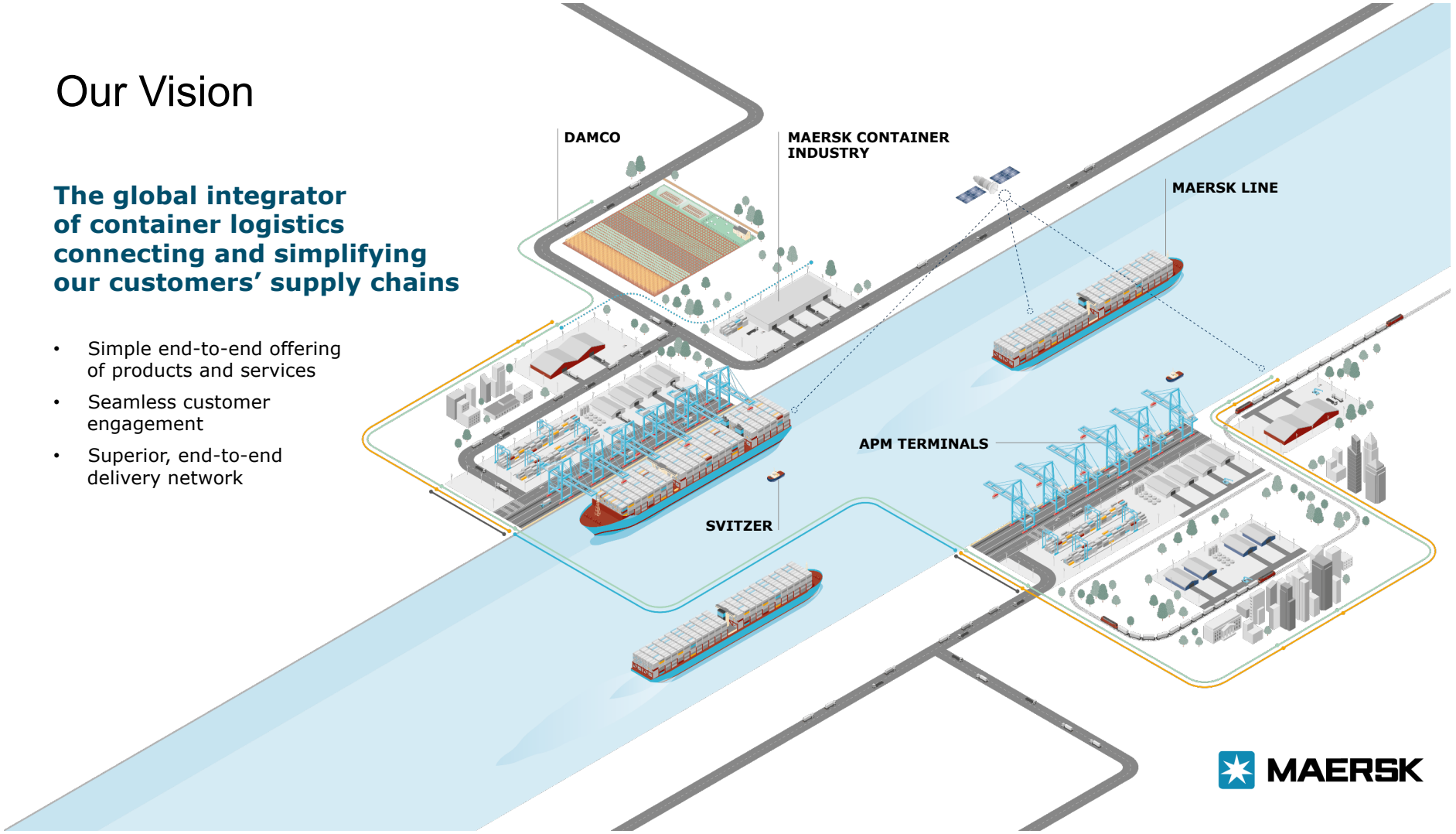
Our Vision

The global integrator of container logistics connecting and simplifying our customers' supply chains

- Simple end-to-end offering of products and services
- Seamless customer engagement
- Superior, end-to-end delivery network



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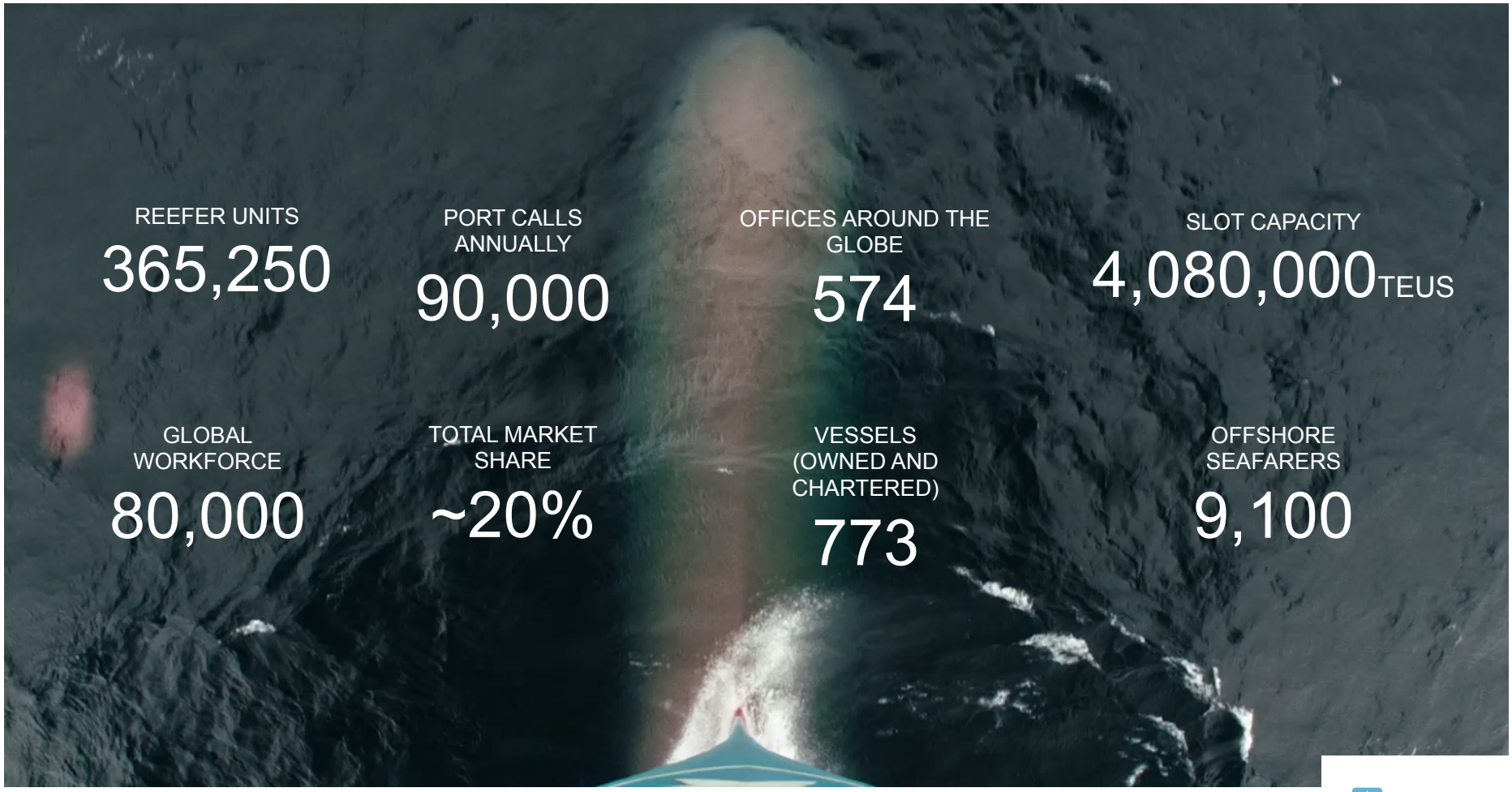
REEFER UNITS
365,250
PORT CALLS ANNUALLY
90,000
OFFICES AROUND THE GLOBE
574
SLOT CAPACITY
4,080,000TEUS
GLOBAL WORKFORCE
80,000
TOTAL MARKET SHARE
~20%
VESSELS (OWNED AND CHARTERED)
773
OFFSHORE SEAFARERS
9,100

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Managing Complexity at Scale

MAERSK LINE

HAMBURG SÜD

38,200 employees

APM TERMINALS

22,600 employees

DAMCO

11,300 employees

SVITZER

2,900 employees

MAERSK CONTAINER INDUSTRY

5,000 employees

80,000 employees

17,000+ phones

7,000+ virtual servers

2900+ applications

~350 change requests per week

15PB storage

50,000+ workstations

2000+ tickets per day

~10,400 incidents per week

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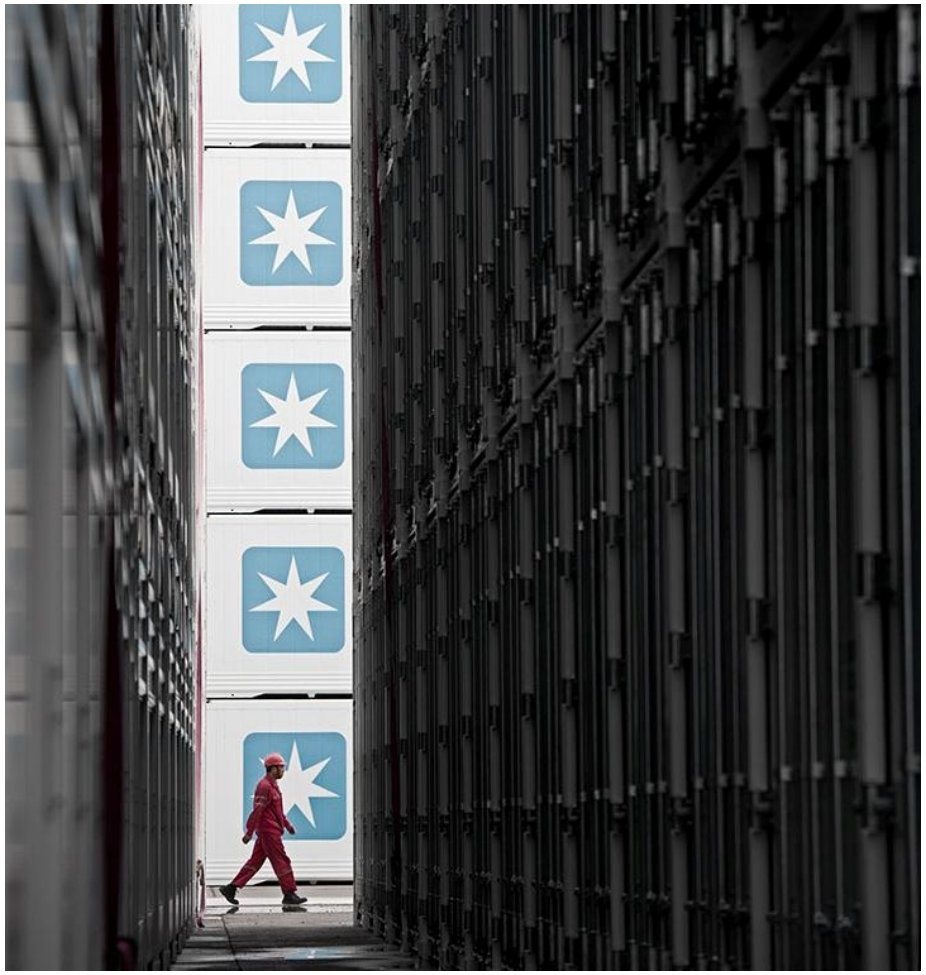

WHAT MAKES A VULNERABILITY MANAGEMENT FUNCTION?

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What makes a Vulnerability Management function?

- RISK APPETITE
- CMDB
- THREAT INTEL.
- INFOSEC FRAMEWORK
- REGULATORY REQUIREMENTS
- NETWORK TOPOLOGY
- REPORTING LINES
- REPUTATION

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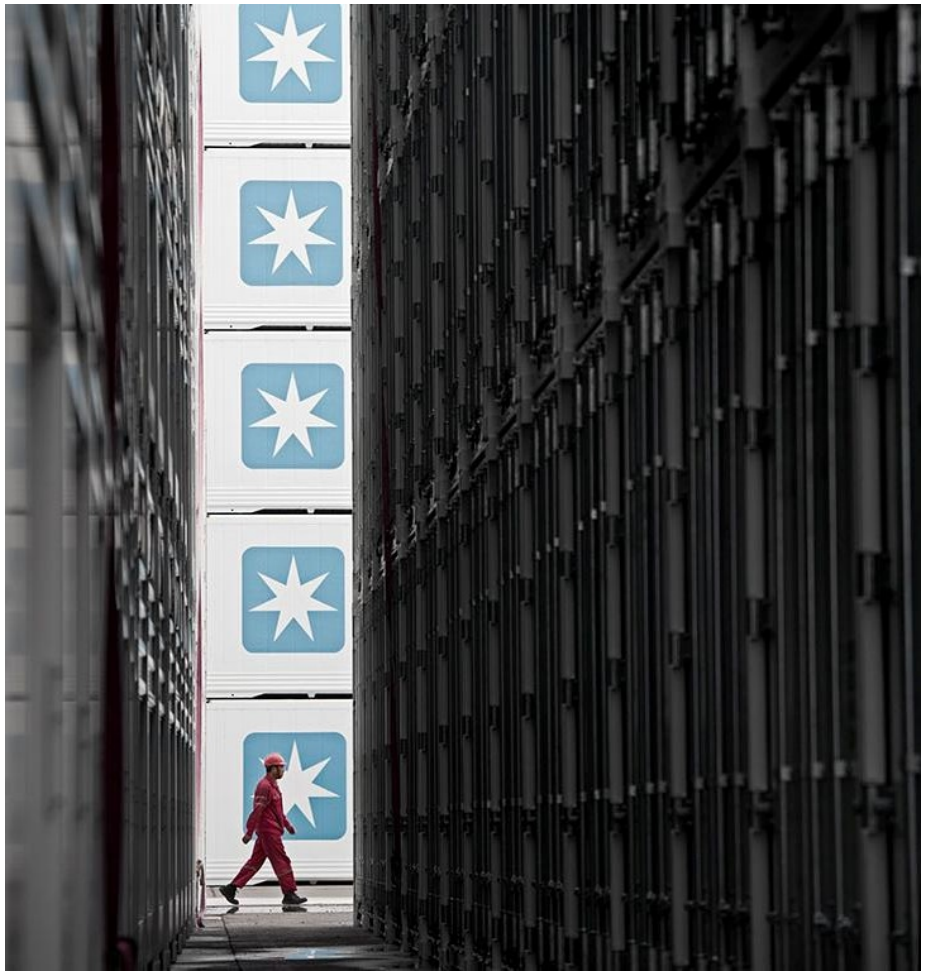

WHAT MAKES A SUCCESSFUL SOLUTION?

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What makes a successful solution?

INSTANT VISIBILITY

Unique activation keys for the business
Azure integration
Scanning disconnected IT

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What makes a successful solution?

PRIORITISATION

OSINT (Open source Intelligence)
Pen Testing
IPS/IDS (Intrusion prevention/Detection System)
SIEM integration and use cases (Security Information and Event Management)

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What makes a successful solution?

BENCHMARKING

Reporting
Dashboarding
Ticketing – Integration with IT Service Management Ticketing Solution

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3-2-1

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Define.
Deliver.
Report.

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